

Minerals

Have four characteristics:

Inorganic- made of non-living things

Solid

Formed in nature

Has a crystalline structure – repeating inner structure

Minerals are made up of one or more elements.

Many are made up of compounds.

Minerals made up of only one element are called
native elements. Example Gold and Silver

Crystals

Solid whose atoms or molecules are arranged in a definite pattern

Their shape is determined by the arrangement of atoms

They are grouped by the kinds of crystals they form



Two Groups of Minerals

1. Silicate Minerals- minerals that contain a mixture of silicon and oxygen.

Silicate minerals make up 90% of the Earth's crust

Ex.

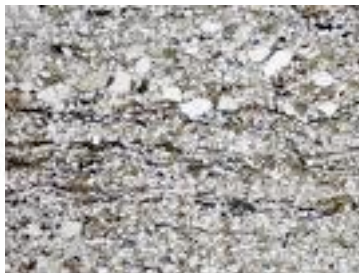
Quartz- building block of many rocks



Feldspar- in many of the rocks on the surface of the Earth



Mica- separate easily into sheets when they break



2. Non-silicate Minerals- minerals that do not contain a combination of silicon and oxygen

Ex.

Native Elements-

Carbonates-

Halides-

Oxides-

Sulfates-

Sulfides-



Bleach

